

Comparisons of Job Characteristics

Focus Occupation: Middle School Teachers, Except Special and Career/Technical Education (25-2022)

Associated Occupation: Secondary School Teachers, Except Special and Career/Technical Education (25-2031)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Middle School Teachers, Except Special and Career/Technical Education (25-2022)

Associated Occupation: Secondary School Teachers, Except Special and Career/Technical Education (25-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Education and Training	9.2	18.5	19.3	0 Current knowledge level may be sufficient
English Language	11.2	16.3	19.2	> Current knowledge level is likely sufficient
Psychology	6.4	13.2	10.7	< Expanded education and/or training may be required
Sociology and Anthropology	4.1	10.7	9.6	< Expanded education and/or training may be required
History and Archeology	2.6	8.9	8.9	0 Current knowledge level may be sufficient
Philosophy and Theology	3.2	8.5	7.2	< Expanded education and/or training may be required
Geography	3.9	7.7	7.8	0 Current knowledge level may be sufficient
Fine Arts	2.2	7.2	6.1	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Middle School Teachers, Except Special and Career/Technical Education (25-2022)

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Learning Strategies	7.2	15.4	12.5	< A higher skill level may be required
Instructing	7.8	13.8	14.0	0 Current skill level may be sufficient
Social Perceptiveness	9.1	11.8	11.9	0 Current skill level may be sufficient

Coordination	9.1	11.6	10.8	0	Current skill level may be sufficient
Time Management	8.9	11.2	11.2	0	Current skill level may be sufficient
Systems Evaluation	6.4	9.8	8.1	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 98

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Expression	12.4	15.7	15.7	0	Current ability level may be sufficient
Speech Recognition	9.9	13.6	11.8	<	Some improvement in abilities may be required
Speech Clarity	10.2	13.5	14.2	0	Current ability level may be sufficient
Deductive Reasoning	10.6	13.4	11.1	<	Some improvement in abilities may be required
Originality	7.6	11.8	10.0	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	10.7	9.1	<	Some improvement in abilities may be required
Memorization	5.6	7.6	9.1	>	Current ability level is likely sufficient
Speed of Closure	5.9	7.6	7.6	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 100

Focus Occupation: Middle School Teachers, Except Special and Career/Technical Education (25-2022)

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Work Activities	Exclusivity of Activity
Advise students	49
Assess educational potential or need of students	73
Communicate student progress	66
Conduct parent conferences	75
Convert information into instructional program	38
Design classroom presentations	45
Develop course or training objectives	42
Develop instructional materials	38
Ensure correct grammar, punctuation, or spelling	48
Establish and maintain relationships with students	74
Evaluate student performance	46

Maintain educational records, reports, or files	43
Maintain group discipline in an educational setting	77
Make education presentations	46
Monitor student progress	66
Organize educational material or ideas	41
Prepare educational reports	44
Recognize student learning levels	75
Recognize student problems	75
Record student progress	46
Resolve behavioral or academic problems	77
Select teaching materials to meet student needs	72
Use classroom management techniques	81
Use computers to enter, access or retrieve educational data	46
Use interpersonal communication techniques	10
Use inventory control procedures	70
Use knowledge of multi-media technology	70
Use motivational techniques in education	76
Use oral or written communication techniques	1
Use public speaking techniques	13
Use teaching techniques	29

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 95

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Tools and Technologies	Exclusivity
Audio and visual equipment	4
Business function specific software	1
Cameras	2
Computer displays	18
Computer printers	2
Computers	1
Content authoring and editing software	1
Drafting supplies	9
Duplicating machines	6
Educational or reference software	12
General laboratory glassware and plasticware and supplies	13
Information exchange software	1
Laboratory heating and drying equipment	13
Laboratory implements	27
Network applications software	1
Projectors and supplies	13

Safety apparel	4
Toys	35
Viewing and observing instruments and accessories	4
Vision protection and accessories	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.